

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 47 (11/21/2021- 11/27/2021)

COCONINO COUNTY
December 3, 2021



Situation Summary

MMWR Week 47 (11/21/2021-11/27/2021)

A total of 25,204 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – November 27, 2021.

Deaths: 369 (1.5% of cases)

Probable Deaths: 5

Recovered Cases: 22,992

(91% of cases)

Hospitalizations: 1,761

(7.0% of cases)

Total Fully Vaccinated: 74,270

(60.8% of the eligible population)

Cases Reported Week 47 (November 21, 2021 - November 27, 2021):

**341
Positive
Cases**

**65%
Not Fully
Vaccinated**

**241.0
Rate per
100,000**

**10.9%
Positivity
Yield**

**9.9%
COVID-Like
Illness****

Community Transmission

Coconino County is currently at a **High** ** level of community transmission.

| Indicator | Low Transmission | Moderate Transmission | Substantial Transmission | High Transmission |
|--|---------------------|--------------------------|-----------------------------|----------------------|
| Total new cases per 100,000 persons in the last 7 days | 0-9 | 10-49 | 50-99 | ≥100 |
| Percentage of PCR tests that are positive during the past 7 days | <5.0% | 5.0% - 7.9% | 8.0% - 9.9% | ≥10.0% |

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

* CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

COVID-19 Situation Summary*

Cumulative Counts (March 15, 2020 – November 27, 2021):

25,204
Positive
Cases

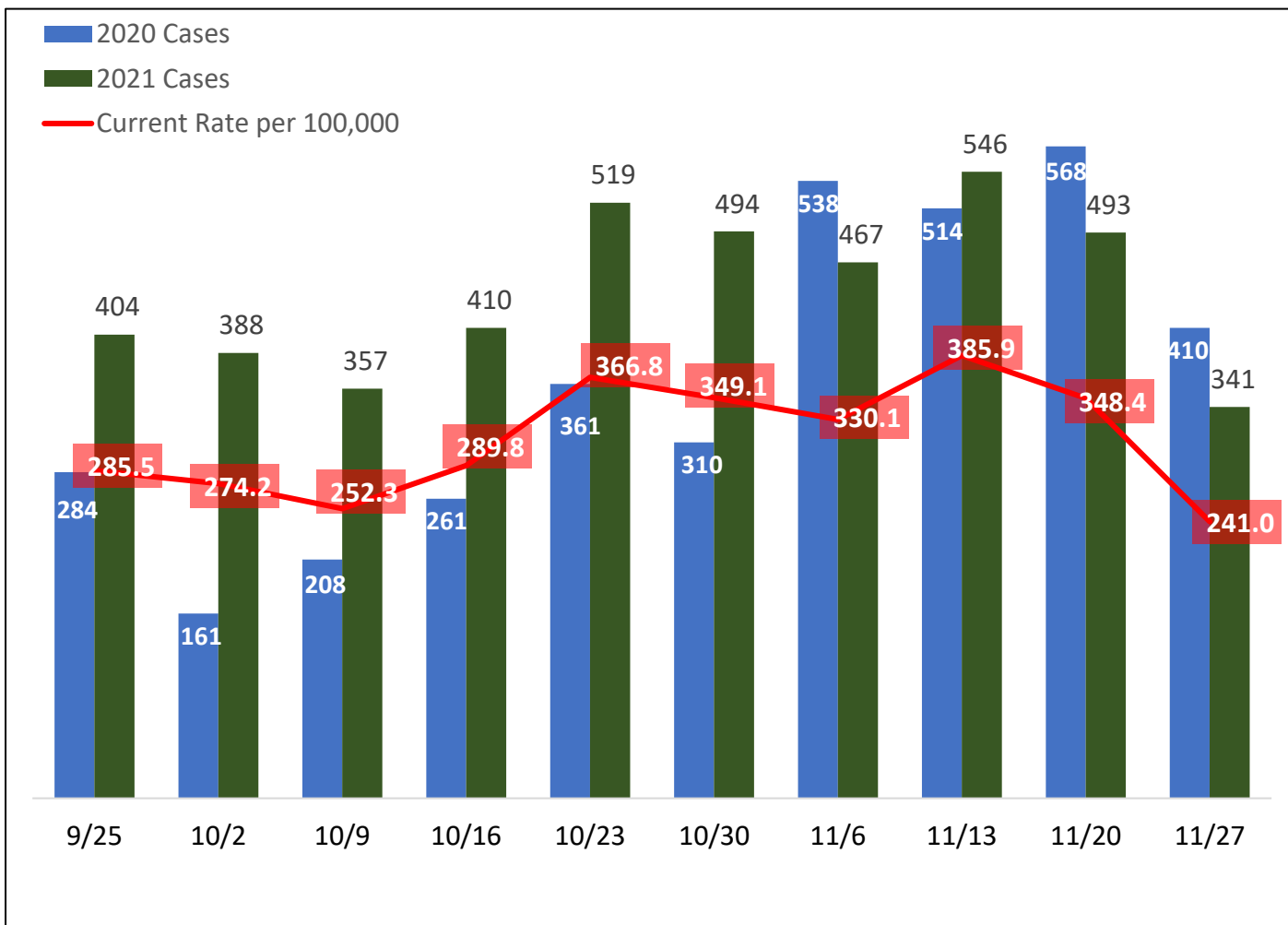
367,633
Total
Tests

116,211
People
Tested

11.6%
Positivity
Yield

17,813.4 cases per 100,000 Coconino County Residents
vs.
17,762.6 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:

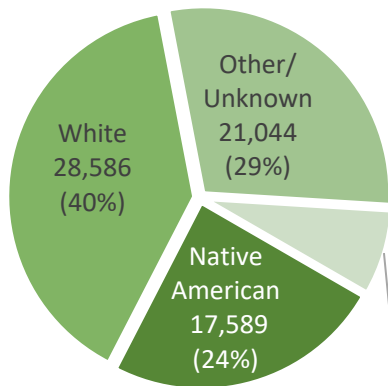


COVID-19 Situation Summary*

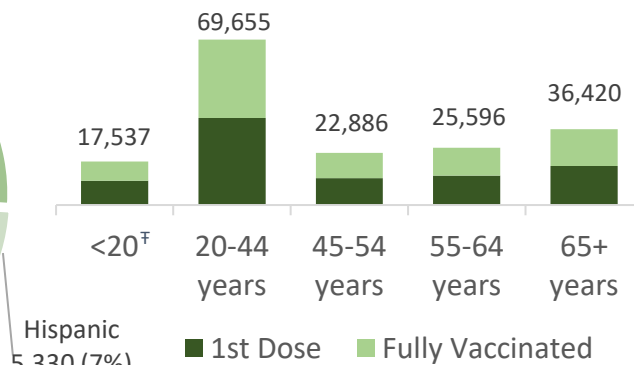
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

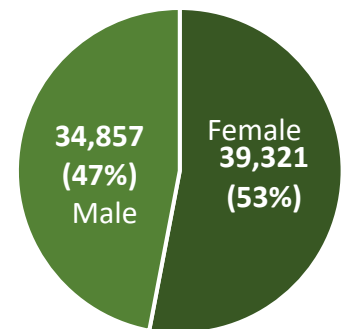
Fully Vaccinated by Race**



Vaccinations by Age

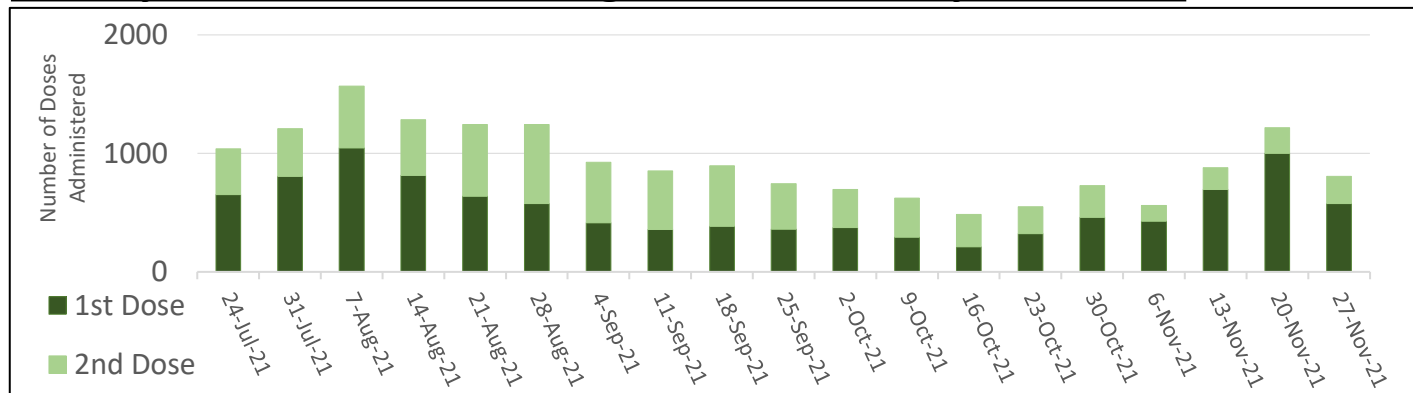


Fully Vaccinated by Sex



**The following races account for less than 2% of total vaccinations:
Asian or Pacific Islander (1,168) and Black or African American (553).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

| Location | At least one dose | Fully vaccinated | Fully vaccinated per 100,000 [†] |
|-----------------|-------------------|------------------|---|
| Flagstaff | 52,820 | 47,536 | 55,508 |
| 86001/ 86005 | 29,725 | 26,718 | 60,216 |
| 86004 | 22,089 | 19,933 | 63,287 |
| 86011 | 1,006 | 885 | 9,056 |

| Location | At least one dose | Fully vaccinated | Fully vaccinated per 100,000 [†] |
|--------------------|-------------------|------------------|---|
| Page | 5,871 | 5,666 | 83,116 |
| Tribal Communities | 16,113 | 14,540 | 69,981 |
| Williams | 2,680 | 2,425 | 48,394 |
| Grand Canyon | 1,746 | 1,586 | 73,088 |
| Other Areas | 2,786 | 2,517 | 44,707 |

[†]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

[†]1st doses in 5-11 age group are included in <20 vaccine count.


*Vaccinations reported from 12/01/20-11/27/21 ⁴

COVID-19 Situation Summary*

Location:

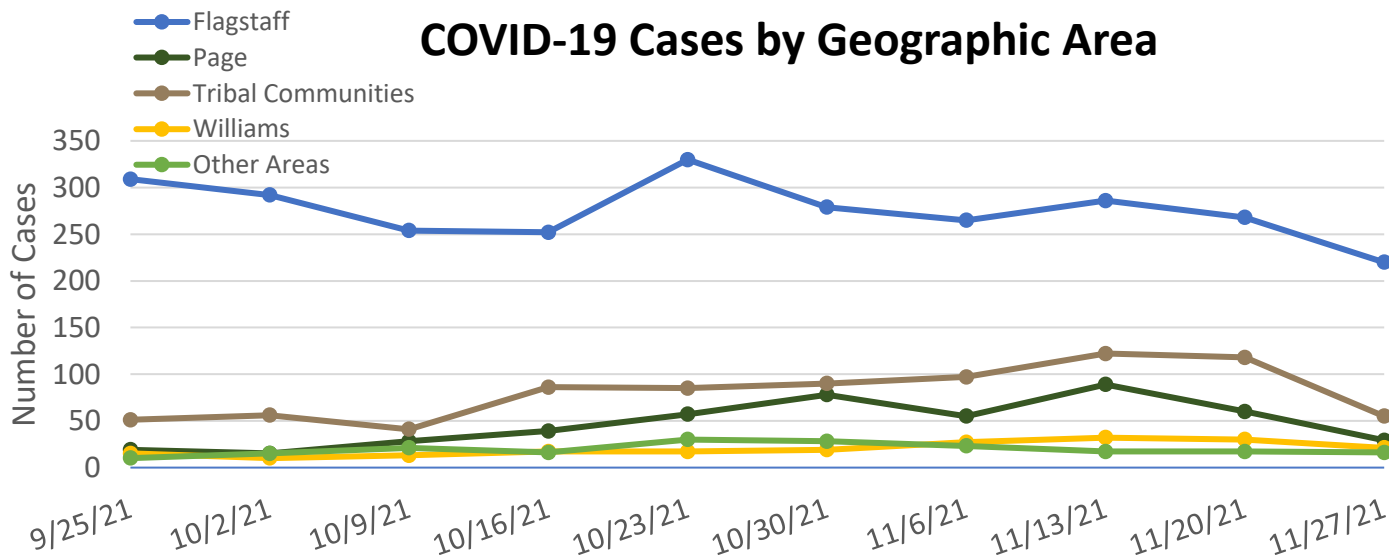
| Location | Positive Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of Population Fully Vaccinated [†] |
|--------------------|----------------|----------------------------|------------------|------------------|---|
| Flagstaff | 15,447 | 16,181 | 9.6% | 47,536 | 55.5% |
| Page | 1,810 | 24,034 | 18.1% | 5,666 | 83.1% |
| Tribal Communities | 5,848 | 23,754 | 15.2% | 14,540 | 70.0% |
| Williams | 959 | 16,839 | 16.7% | 2,425 | 48.4% |
| Grand Canyon | 269 | 10,599 | 14.2% | 1,586 | 73.1% |
| Other Areas | 871 | 15,435 | 13.4% | 2,517 | 44.7% |

[†]Population estimates include residents aged 10 and older.
 Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

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Key Take Away

 - The highest **case incidence** for week 47 was observed in Tribal Communities with an incidence of 940.5 per 100,000.
 - The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



Age:

| Age | Positive Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of Population Fully Vaccinated [‡] |
|-------------|----------------|----------------------------|------------------|------------------|---|
| <20 years | 5,963 | 14,612 | 12.0% | 7,676 | 35.3% |
| 20-44 years | 11,978 | 22,947 | 11.7% | 31,073 | 59.5% |
| 45-54 years | 2,762 | 18,803 | 12.7% | 9,975 | 67.9% |
| 55-64 years | 2,402 | 14,475 | 11.3% | 10,949 | 66.0% |
| 65+ years | 2,099 | 12,359 | 9.5% | 14,597 | 86.0% |

[‡]Population estimates include residents aged 12 and older.

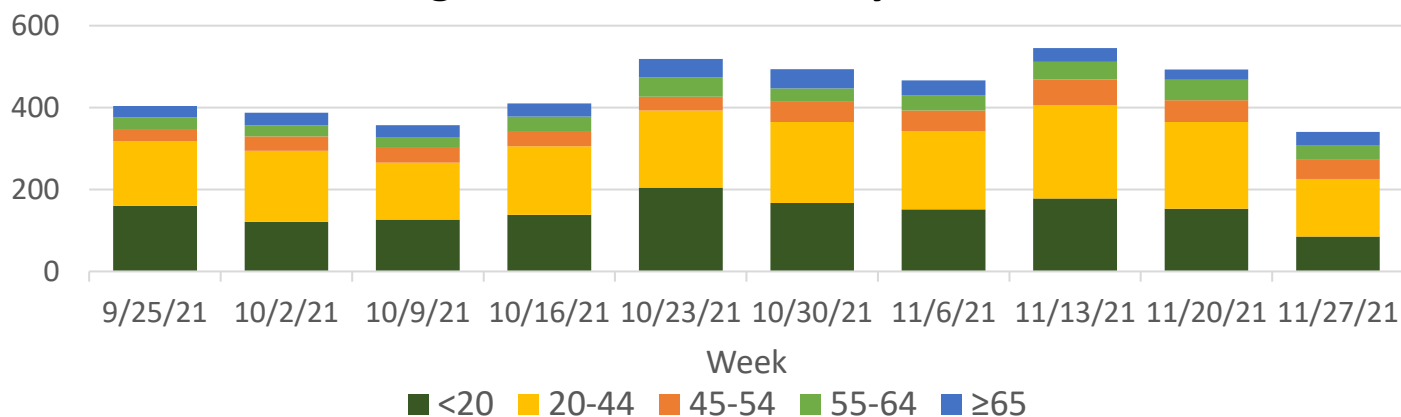
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 30 years old

🔑 Key Take Away

- The highest **case incidence** for week 47 was observed among residents aged 45-54 with an incidence of 327 per 100,000.
- The highest **positivity yield** for week 47 was observed among residents aged 55-64 with a positivity yield of 13.4%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

| Race/ Ethnicity | Confirmed Cases | Case Incidence per 100,000 | Fully Vaccinated | % of the Population Fully Vaccinated [‡] |
|------------------------------|--------------------|-------------------------------|---------------------|--|
| Native American | 9,018 | 24,778 | 17,589 | 53.1% |
| White | 9,181 | 12,023 | 28,586 | 38.3% |
| Hispanic | 3,799 | 19,061 | 5,330 | 30.0% |
| Black or African American | 310 | 19,670 | 553 | 25.9% |
| Asian/ Pacific Island | 337 | 11,730 | 1,168 | 37.9% |
| Other/ Unknown | 2,559 | N/A | 21,044 | N/A |

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

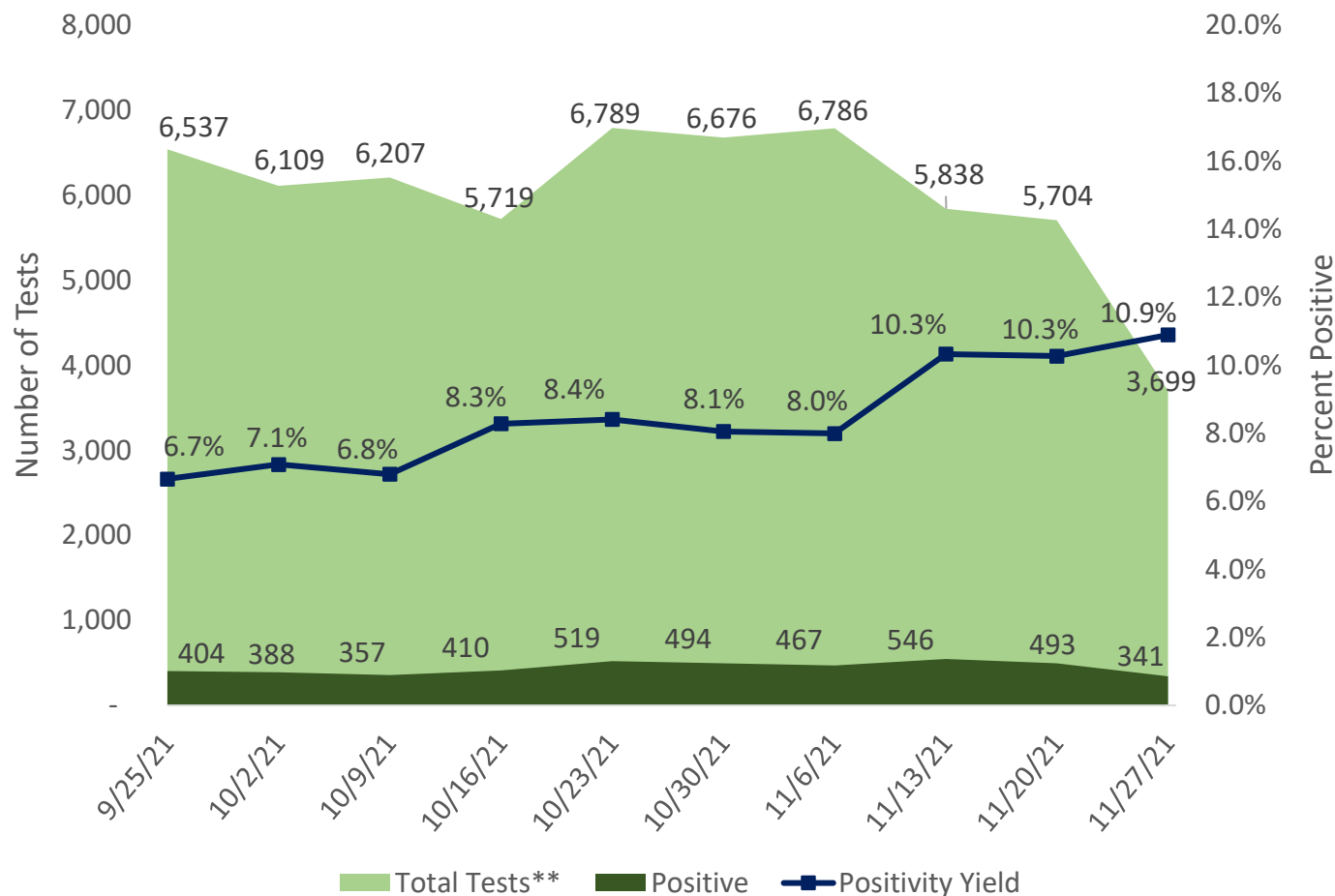
| Sex | Confirmed Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of the Population Fully Vaccinated [‡] |
|--------|--------------------|-------------------------------|---------------------|---------------------|---|
| Female | 12,907 | 18,056 | 10.4% | 39,321 | 63.1% |
| Male | 12,241 | 17,540 | 12.6% | 34,857 | 58.2% |

[‡] Population Estimates include residents aged 12 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 29% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 116,211 Coconino County residents have been tested.

Tests Conducted: A total of 367,633 have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 10,014**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 55 (As of 11/27/2021)**
- **Total individuals monitored to date: 9,783**

Hospitalizations

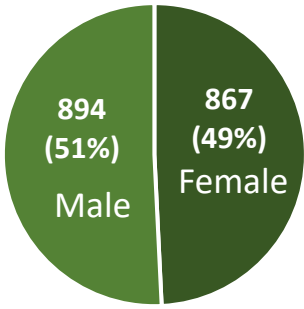
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases
7.0%

Hospitalized
1,761

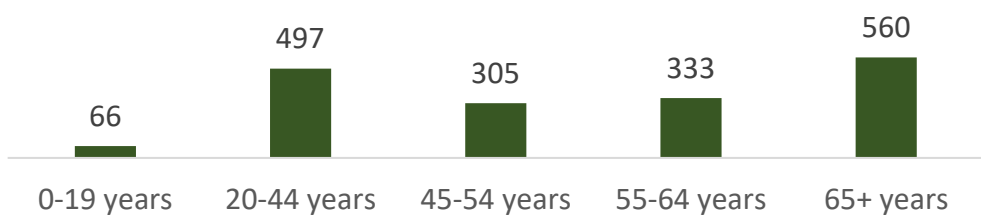
Hospitalizations Per 100,000
1,245

Sex



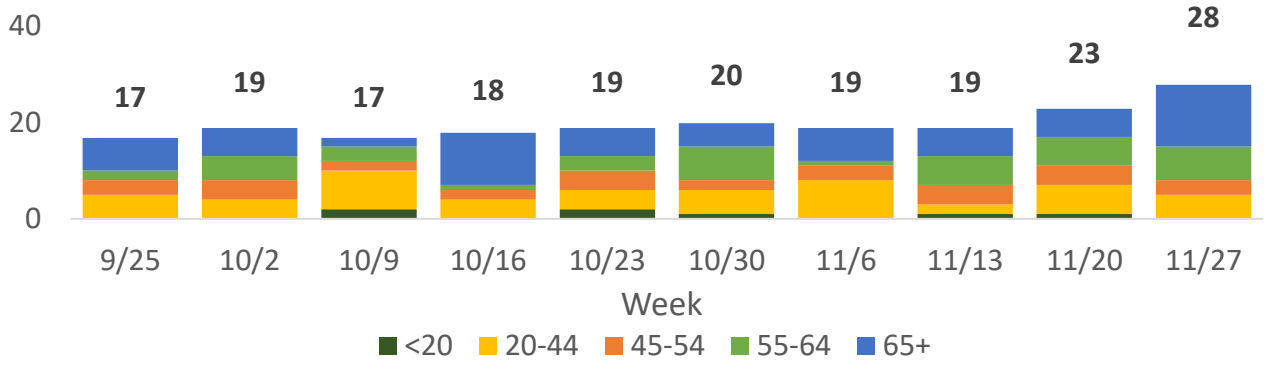
15% of hospitalized residents were in the ICU and 6% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

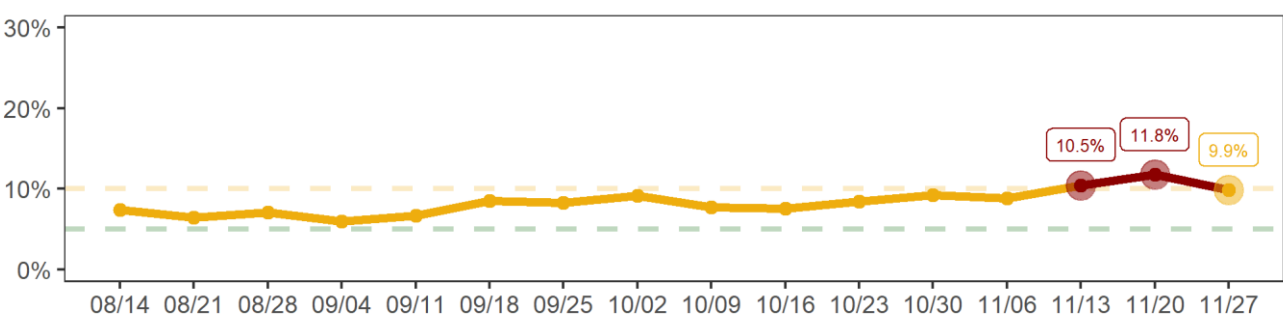


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-11/27/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

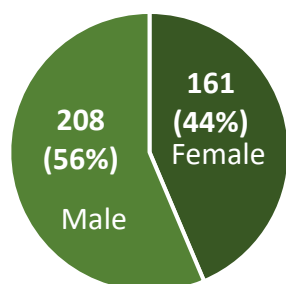
COVID-19 Related Deaths:

Percentage of
Cases
1.5%

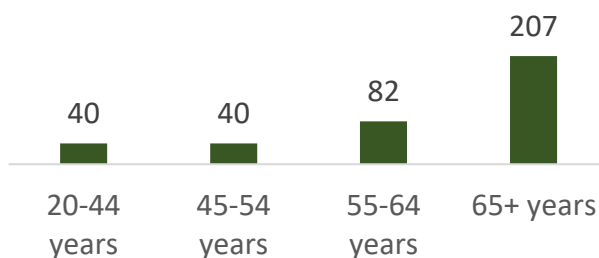
Deaths
369

Fatalities
Per 100,000
260.8

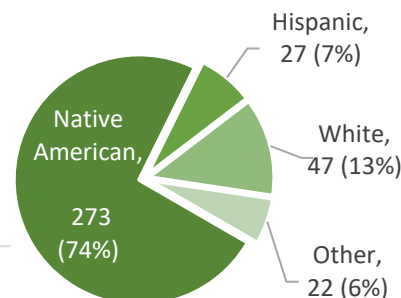
Sex



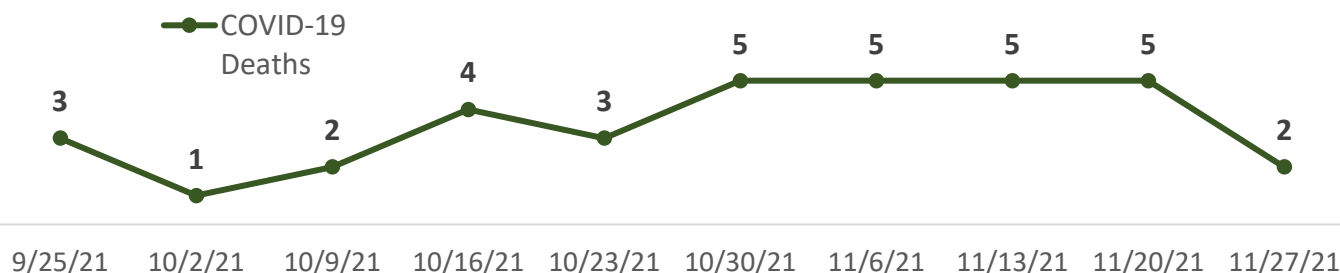
Coconino COVID-19 Deaths by Age



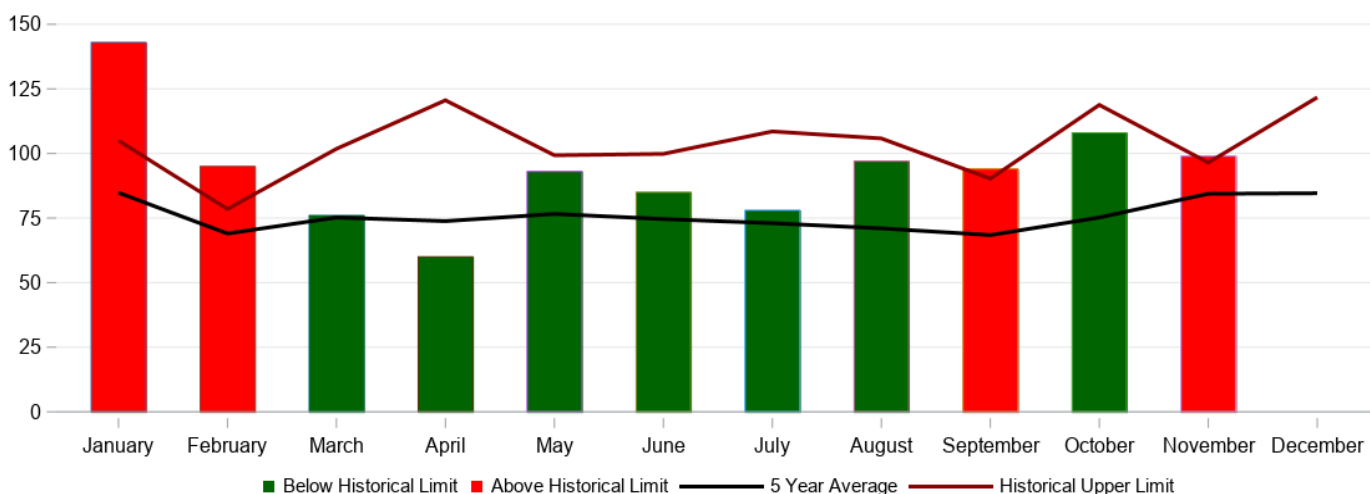
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



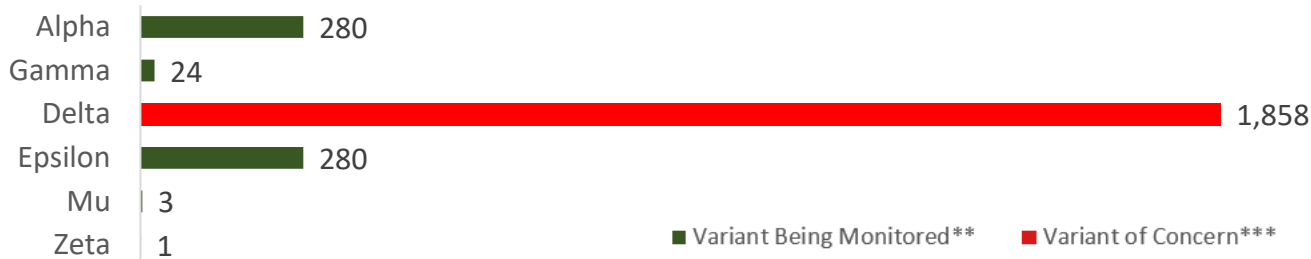
*Cases reported from 3/15/20-11/27/21

COVID-19 Situation Summary*

*Cases reported from 3/15/20-11/27/21

COVID-19 Variants:

Total Variants Being Monitored** and Variants of Concern***



****Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

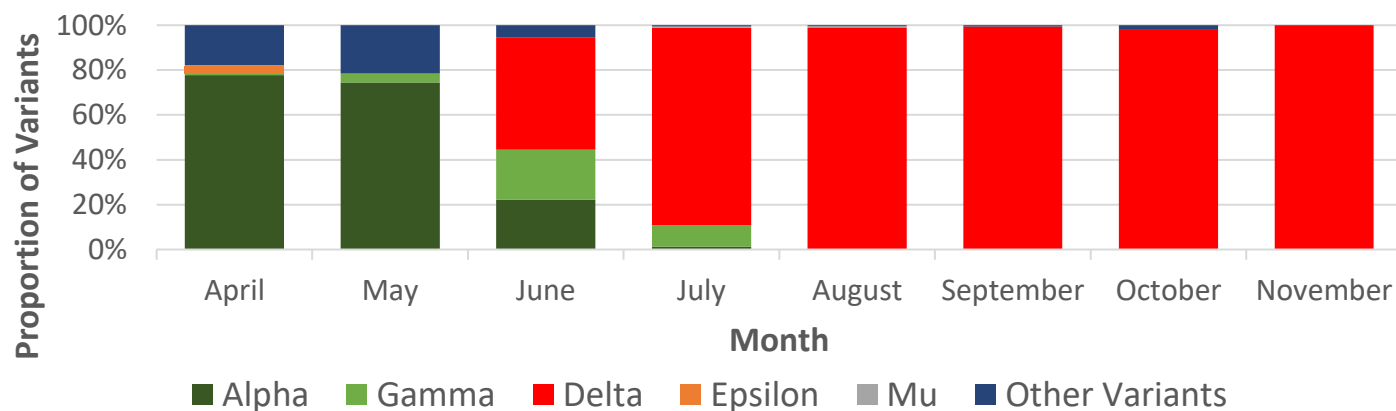
***** Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

86% of identified variants of concern are among Flagstaff residents.

Variants Being Monitored and Variants of Concern by Month



3,597 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

Vaccine Breakthrough[‡]:

Total Vaccine Breakthrough Cases: 2,137

(8.5% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 478

(22% of vaccine breakthrough cases)

[‡]Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. **For more information regarding variant testing in Arizona, please visit the TGen website:** [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)